

CATEGORY GTAW Solid wires

TYPE Titanium Tig welding wire grade 2

APPLICATIONS CEWELD ER Ti-2 is developed for welding Titanium grade 1, 2, 3 and 4. This alloy finds his applications in chemical industry and offers excellent Weldability.

PROPERTIES The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposit.

CLASSIFICATION

AWS	A 5.16: ERTi-2
EN ISO	24034: S Ti 0120 / Ti99,6
F-nr	51

SUITABLE FOR Titanium grade 1, 2, 3 and 4.

APPROVALS No Approvals Found

WELDING POSITIONS:



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	H	N	O	Fe
0.02	0.005	0.01	0.1	0.1

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)
As Welded /	275	395	20

WELDING PARAMETERS / PACKING

WELDING PARAMETERS		WELDING PARAMETERS	WELDING PARAMETERS	PACKING
D (MM)	LENGTH (MM)		CURRENT (A)	KG / TUBE
1.0	1000			2.5
1.6	1000			2.5
2.0	1000			2.5
2.4	1000			2.5
3.2	1000			2.5

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1